

CHAPTER XII

BUREAU OF FISHERIES

Prior to 1871 the fisheries of the United States and the artificial propagation of fish were given considerable attention by certain of the States and by various individuals, and inquiries along these lines were also conducted by the Smithsonian Institution. Influenced by the action of a meeting of the commissioners of fisheries of New England, held in Boston in 1866, Congress passed a joint resolution, approved February 9, 1871, which provided for the appointment of a United States Commissioner of Fish and Fisheries, who was to conduct inquiries and investigations relating to the diminution of the food-fish supply, and suggest remedial measures. From this beginning has grown up the Bureau of Fisheries.

The propagation of food fishes was taken up under authority of an act approved June 10, 1872, which was the result of action leading to this end taken by the American Fish-Culturists' Association at a meeting held in Albany, N. Y., February 7, 1872. The early appropriations for the conduct of the Commission were relatively small, but with the assistance of the several Executive Departments—notably the Treasury, Navy, and War—as authorized in section 3 of the joint resolution of February 9, 1871, the work was steadily carried on and augmented.

A study of the methods and statistics of the fisheries was conducted in connection with the more abstract scientific work until 1879, when a specific appropriation for this purpose was made. Until the fiscal year 1892 the appropriations for the conduct of the work of the Bureau were general in their character, and discretion as to the expenditure was vested in the Commissioner, but in accordance with an act approved August 5 of that year, estimates have since been annually submitted to Congress, on which appropriations have been based providing specific sums for expenditure in different branches of the work.

By an act of Congress approved February 14, 1903, the Bureau was made a part of the Department of Commerce and Labor from and after July 1, 1903, on which date the old name of Fish Commission was changed by order of the Secretary to Bureau of Fisheries.

The Bureau of Fisheries is an institution peculiarly American in its conception, and with few parallel organizations in other governments. It has achieved a world-wide reputation for its enterprise and originality of method, and its work is greatly appreciated in other countries and held up as a striking evidence of the public spirit, intelligence, and liberality of the American nation. Exhibits have been made at all of the large expositions at home and abroad, and have received many medals and prizes for the excellence and originality of the work.

The work of the Bureau is along three lines:

- (1) The systematic investigation of the waters of the United States and the biological and physical problems which they present. This includes not only a study of the life history of fishes of economic value, but the history of the animals and plants upon which they feed or upon which their food is nourished, as well as the currents, temperatures, and other physical phenomena of the waters in which they live, in relation to migration, reproduction, and growth.
- (2) The introduction and multiplication of useful food fishes throughout the country, particularly in the coastal waters and Great Lakes.
- (3) The investigation of the methods of the fisheries, past and present, and the statistics of production and commerce of fishery products. This includes a study of methods and apparatus, and a comparison of the same with those of other lands, that the use of those which are objectionable may be discouraged and those which are inefficient be replaced by others more serviceable.

The Bureau conducts investigations regarding the fur-seal herds of the Pribilof Islands and Bering Sea under the provisions of law of March 3, 1893.

At two points on the Atlantic coast are well-equipped marine biological stations. At various points throughout the country are thirty-six fish-cultural establishments. In the distribution of the output of fish and eggs five specially constructed railroad cars are used. There are also employed two seagoing steamers and one large seagoing schooner, as well as two smaller steamers for river work, and seven steam launches. One of the steamers is especially equipped and adapted for deep-sea investigations, and the other vessels and boats are used both for scientific work and fish-cultural purposes.

Commissioners of Fish and Fisheries with dates of service.

Name.	From-	То—
Spencer F. Baird. G. Brown Goode Marshall McDonald. Herbert A. Gill (chief clerk, Acting Commissioner) John J. Brice. George M. Bowers.	Sept. 1, 1887 Feb. 18, 1888 Sept. 2, 1895 Mar. 30, 1896	Feb. 17, 1888 Sept. 1, 1895 Mar. 29, 1896 Feb. 15, 1898

LAW PERTAINING TO THE BUREAU OF FISHERIES

[As modified by act of February 14, 1903.]

The Bureau of Fisheries and the Office of Commissioner Commerce and of Fish and Fisheries, and all that pertains to the same, be, Labor, and the same hereby are, placed under the jurisdiction and (52 Stat., S27.) made a part of the Department of Commerce and Labor.

Section four thousand three hundred and ninety-five of Commissioner, the Revised Statutes of the United States be, and the same salary. is hereby, amended to read as follows:

Jan. 20, 1888. (25 Stat., 1.) R. S. 4395.

"There shall be appointed by the President, by and with the advice and consent of the Senate, a person of scientific and practical acquaintance with the fish and fisheries to be a Commissioner of Fish and Fisheries, and he shall receive a salary at the rate of five thousand dollars a year, and he shall be removable at the pleasure of the Said Commissioner shall not hold any other office or employment under the authority of the United States or any State."

The Commissioner of Fish and Fisheries shall prosecute Duties of Cominvestigations and inquiries on the subject, with the view missioner R.S., 43 of ascertaining whether any and what diminution in the number of the food fishes of the coast and lakes of the United States has taken place; and, if so, to what causes the same is due; and also whether any and what protective, prohibitory, or precautionary measures should be adopted in the premises; and shall report upon the same to Congress.

The Commissioner of Fish and Fisheries is authorized Seal investiga-and required to investigate, under the direction of the Mar. 8, 1898. Secretary of Commerce and Labor, and when so requested report annually to him regarding the conditions of seal life upon the rookeries of the Pribilof Islands; and he is also directed to continue the inquiries relative to the life history and migrations of the fur-seals frequenting the waters of Bering Sea.

(27 Stat., 585.)

The Commissioner of Fish and Fisheries of the United Hawaiian fish-States is empowered and required to examine into the entire subject of fisheries and the laws relating to the fishing rights in the Territory of Hawaii, and report to the [Secretary of Commerce and Labor] touching the same, and to recommend such changes in said laws as he shall see fit.

Apr. 30, 1900. (31 Stat., 160.)

The heads of the several Executive Departments shall other Departcause to be rendered all necessary and practicable aid to ments to aid. R. S., 4597. the commissioner in the prosecution of his investigations and inquiries.

Power to take specimens. R. S., 4398.

The Commissioner may take or cause to be taken at all times, in the waters of the sea-coast of the United States. where the tide ebbs and flows, and also in the waters of the lakes, such fish or specimens thereof as may in his judgment, from time to time, be needful or proper for the conduct of his duties, any law, custom, or usage of any State to the contrary notwithstanding.

Status of ves-

The Secretary of the Navy is hereby directed to place sels.

May \$1, 1880.
(21 Stat., 151.)
with the Navy Department as those of the Coast and

Deputy Commissioner. Mar. 3, 1883. (22 Stat., 628.)

The Commissioner of Fish and Fisheries is hereby authorized to designate from the employees of the Bureau, an assistant, to discharge his duties in case of his absence or disability: Provided, That no increase of pay shall be granted in consequence of such selection. [A deputy commissioner, at salary of three thousand dollars a year, is provided for in appropriation act, approved March 3, 1903.T.

Revenue Marine to aid. Mar. 3, 1885. (23 Stat., 494.)

The Secretary of the Treasury is authorized to detail from time to time for duty under the Commissioner of Fish and Fisheries, any officers and men of the Revenue Marine Service whose services can be spared for such duty.

Estimates. Aug. 5, 1892. (27 Stat., 362.)

The Commissioner of Fish and Fisheries shall embrace in the estimates of appropriations for the Fish Commission for the fiscal year eighteen hundred and ninety-four, and for each year thereafter, estimates for all officers, clerks, and other employees whose services are permanent and continuous in their character and deemed to be necessary for an efficient and economical execution of the appropriations for the Fish Commission.

Statement expenditures for propagation. Mar. 3, 1887. (24 Stat., 523.)

The Commissioner of Fish and Fisheries shall submit to Congress at its next session a detailed statement of the expenditures for the fiscal year eighteen hundred and eighty-seven under all appropriations for "propagation of food-fishes" and annually thereafter a detailed statement of expenditures under all appropriations for "propagation of food-fishes" shall be submitted to Congress at the beginning of each session thereof.

Printing re-Jan. 12,

[There shall be printed] of the report of the Commis-1895. sioner of Fish and Fisheries eight thousand copies; two (28 Stat., 614.) thousand for the Senate, four thousand for the House, and two thousand for distribution by the Bureau of Fisheries.

Printing bulletins.

[There shall be printed] of the bulletins of the Bureau of Fisheries five thousand copies; one thousand for the Senate, two thousand for the House, and two thousand for distribution by the Bureau.

Distribution of duplicate specimens of the * * * * Distribution of Bureau of Fisheries may be made to colleges, academies, Aug. 7, 1882. (22 Stat., 332.) and other institutions of learning upon the payment by the recipients of the cost of preparation for transportation and the transportation thereof. [Distribution is made from National Museum.]

[An exhibit by the Bureau of Fisheries at the Louisiana chase Exposi-Purchase Exposition, and a representative of the Bureau tion.
on United States Government board, are provided for by Mar. 3, 1901. (\$1 Stat., 1442.) law.]

All necessary hospital and ambulance service * * * Hospital service on vessels of the Bureau of Fisheries shall be performed June 17, 1898. by the members of said corps [naval hospital].

Facilities for study and research in the Government in the Departments, * * * the Bureau of Fisheries, and similar institutions hereafter established shall be afforded to scientific investigators and to duly qualified individuals, students and graduates of institutions of learning in the several States and Territories, as well as the District of Columbia, under such rules and restrictions as the heads of the Departments and bureaus mentioned may prescribe.

[The Bureau of Fisheries is provided with a chief clerk, Personnel of at a salary of \$2,400 per annum, and other employees. Appropriation Authority for the Commissioner of Fish and Fisheries acts. and the Deputy Commissioner is given on pages 151, 152.]